

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method for implementing a Push service, the method comprising:

a Push Initiator sending a Push message to a Short Message Service Center through a Push Proxy Gateway (PPG);

the Short Message Service Center segmenting the Push message to obtain a group of short messages, and scheduling the group of short messages in a transaction mode and delivering them to a mobile station;

~~after receiving the group of short messages, the mobile station recombining them into an integral message;~~

wherein the group of short messages are recombined by the mobile station after being received by the mobile station, and if all the short messages of the group obtained by segmenting are sent to the mobile station successfully in a predetermined time, the Short Message Service Center (SMSC) returns [[an]] only a single Acknowledgement Message, which is prepared by the SMSC in response to receiving a submission of the Push message from the PPG, to the PPG to inform the PPG that the Push message has been sent to the mobile station successfully, and the PPG sends a Result Notify Message to the Push Initiator according to the Acknowledgement Message, and

if any one of the short messages of the group obtained by segmenting is sent unsuccessfully in a predetermined time, the Short Message Service Center returns [[a]] only a single Submission Failure Message, which is prepared by the SMSC in response to receiving the submission of the Push

message from the PPG, to the PPG to inform the PPG that the Push message has not been sent to the mobile station successfully, and the PPG sends a Result Notify Message to the Push Initiator according to the Submission Failure Message.

2. (Original) The method according to claim 1, wherein said transaction mode refers to continuously sending in a predetermined time a group of short messages obtained by segmenting, and resending one or more one of the messages when they are sent unsuccessfully.

3. - 4. (Canceled)

5. (Previously Presented) The method according to claim 1, wherein after sending the Push message to the Short Message Service Center, the PPG suspends the present transaction to wait for the processing result thereof from the Short Message Service Center and continues to process the next transaction.

6. (Original) The method according to claim 1, wherein said Short Message Service Center is specially used to bear a Push service.

7. (Original) The method according to claim 6, wherein said SMSC is arranged separately or integrated in a WAP Gateway.

8. (Previously Presented) The method according to claim 2, wherein after sending the Push message to the Short Message Service Center, the PPG suspends the present transaction to wait for the processing result thereof from the Short Message Service Center and continues to process the next transaction.